

3M TRAFFIC CONTROL MATERIALS DIVISION FACILITY  
BROWNWOOD, TEXAS

**3M Traffic Control Materials Division**

**Facility, Brownwood, Texas**, initiated its pollution prevention and emissions reduction programs more than two decades ago. The facility manufactures an array of reflective products for the global traffic safety industry. Since 1975, 3M worldwide developed more than 3,000 pollution prevention projects that prevented over 1 billion pounds of pollution per year. 3M Brownwood developed more than 32 major projects as a part of 3M's Pollution Prevention Pays (3P) Program, preventing nearly 16 million pounds per year in air emissions and nearly 8 million pounds of solid and hazardous waste. Since 1990, 3M

Brownwood reduced its air emissions by more than 87% through installing thermal oxidizers on its major air emissions sources. In addition to being ISO 14001-certified, 3M Brownwood is a charter member of the Texas CLEAN Industries 2000 Program.

**AT A GLANCE**

Industry Sector:	Transportation and Transportation Safety Equipment
Business:	Manufactures transportation safety products
Facility Employees:	500-1,000
Accomplishments:	Reduced material use Reduced solid waste
2003 Commitments:	Reduce air emissions Reduce solid waste Reduce hazardous waste
Address:	6675 U.S. Highway 377 Brownwood, TX 76801

ENVIRONMENTAL PERFORMANCE

*Past Accomplishments*

The 3M Brownwood facility has demonstrated its commitment to environmental leadership in the areas of overall process efficiency, emissions reductions, and solid waste reduction. Since 1997, the facility has:

- **Reduced material use** per product through yield improvements and process optimization. The ratio of waste generated to total material processed decreased by 65%.
- **Reduced solid waste** by increasing recycling efforts and developing new material reuse projects.

*Future Commitments*

The 3M Brownwood also committed to continued environmental improvement through further hazardous emissions reductions and reductions in solid waste generation and disposal. By 2003, the facility will:

- **Reduce emissions of volatile organic compounds (VOCs)** by developing a water-based coating and 100% solids adhesive.
- **Reduce the ratio of bead waste landfilled** to total material process processed by 69% through recycling bead material within the manufacturing process and offsite recycling.
- **Reduce solid waste** by developing a process to eliminate the generation of scrap liners.
- **Reduce hazardous waste** by designing an enclosed self-cleaning system that will capture and reuse solvents.

## COMMUNITY OUTREACH

The 3M Brownwood Division conducts Citizen Advisory Committee meetings in the community at least once annually to inform the local public about plant matters. The facility will also use the local newspaper, radio, and the Citizen Advisory Committee to relay information about its environmental performance.

